

PHOSPHITE ESTER OXIDATION IN NUCLEIC ACID ARRAY PREPARATION

ABSTRACT OF THE DISCLOSURE

Methods are provided for preparing nucleic acid arrays on a support. In these
5 methods a plurality of nucleic acids are synthesized on the support and the synthesis steps
include oxidizing a phosphite triester nucleic acid linkage to a phosphate triester nucleic acid
linkage using a solution about 0.005 to about 0.05 M iodine in a mixture comprising water
and organic solvent.

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